Serial No.: 10/510,901 Response to Office Action

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims

- 1. (currently amended) A steam and gas turbine installation comprising
 - a gas turbine unit and
 - a steam turbine unit, in which the gas turbine unit is built up in part of at least:
 - a first gas compressor mounted on a compressor steam turbine shaft,
 - a combustion chamber, and
 - a gas turbine mounted on a gas turbine shaft; and

in which the at least one steam turbine unit is built up in part of:

a closed steam line, at least comprising:

a pump,

a steam generator, which is in heat-exchanging contact with combustion gases from the gas turbine during operation,

[[a]] <u>at least one</u> steam turbine mounted on [[a]] <u>the compressor</u> steam turbine shaft, as well as

a condenser,

and in which the <u>at least one</u> steam turbine drives the <u>first</u> gas compressor of the gas turbine unit during operation, characterized in that one or more of the <u>at least one</u> said steam turbines <u>turbine</u> is an impulse steam turbine <u>and wherein the at least one steam turbine drives at least one further gas compressor, which is connected in series with the first gas compressor.</u>

- 2. 4. (cancelled)
- 5. (currently amended) A steam and gas turbine installation according to claim 1, characterized in that at least one further steam turbine is connected in series with the <u>at least one</u> steam turbine.
- 6. (cancelled)

- 7. (withdrawn currently amended) A steam and gas turbine installation according to claim [[4]]
- 1, characterized in that one gas compressor and one steam turbine are mounted on a respective common shaft the compressor steam turbine shaft.
- 8. (currently amended) A steam and gas turbine installation according to claim [[4]] 1, characterized in that the water flowing through the steam line is in heat-exchanging contact during operation with the air flowing through the intercooler.
- 9. (original) A steam and gas turbine installation according to claim 8, characterized in that said heat-exchanging contact takes place according to the uniflow principle.
- 10. (original) A steam and gas turbine installation according to claim 9, characterized in that said heat-exchanging contact takes place according to the counterflow principle.
- 11. (currently amended) A steam and gas turbine installation according to claim 1, characterized in that one or more of said at least one steam turbines turbine is a radial steam turbine.
- 12. (previously presented) A steam and gas turbine installation according to claim 1, characterized in that one or more of said gas compressors is a centrifugal gas compressor.
- 13. (previously presented) A steam and gas turbine installation according to claim 1, characterized in that one or more of said gas compressors is an axial gas compressor.
- 14. (previously presented) A steam and gas turbine installation according to claim 1, characterized in that said steam generator is a once-through residual heat boiler.
- 15. (new) A steam and gas turbine installation according to claim 1, wherein the at least one further gas compressor is connected in series with the first gas compressor via an intercooler.

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